

**WHAT IS CLAIMED IS:**

1. 1. A composition comprising a thermolabile protein admixed with a liquor waste.
1. 2. The composition of claim 1, wherein the composition is in dried form.
1. 3. The composition of claim 1, wherein the liquor waste is a crop liquor waste.
1. 4. The composition of claim 3, wherein the liquor waste is a white liquor waste.
1. 5. The composition of claim 4, wherein the liquor waste is a sorghum liquor waste.
1. 6. The composition of claim 1, wherein the thermolabile protein is an enzyme.
1. 7. The composition of claim 6, wherein the composition is in dried form.
1. 8. The composition of claim 6, wherein the liquor waste is a crop liquor waste.
1. 9. The composition of claim 8, wherein the liquor waste is a white liquor waste.
1. 10. The composition of claim 9, wherein the liquor waste is a sorghum liquor waste.
1. 11. A method of enhancing protein thermostability, the method comprising:
  2. mixing a solution of a thermolabile protein with a liquor waste, and
  3. drying the mixture.
1. 12. The method of claim 11, wherein the liquor waste is dried.
1. 13. The method of claim 12, wherein the liquor waste is a crop liquor waste.
1. 14. The method of claim 13, wherein the liquor waste is a white liquor waste.

- 1 15. The method of claim 14, wherein the liquor waste is a sorghum liquor waste.
- 1 16. The method of claim 11, wherein the thermolabile protein is an enzyme.
- 1 17. The method of claim 16, wherein the liquor waste is dried.
- 1 18. The method of claim 17, wherein the liquor waste is a crop liquor waste.
- 1 19. The method of claim 18, wherein the liquor waste is a white liquor waste.
- 1 20. The method of claim 19, wherein the liquor waste is a sorghum liquor waste.
- 1 21. The method of claim 11, wherein the liquor waste is distilled.
- 1 22. The method of claim 21, wherein the liquor waste is doubly distilled.
- 1 23. The method of claim 22, wherein the liquor waste is dried.
- 1 24. The method of claim 23, wherein the liquor waste is a crop liquor waste.
- 1 25. The method of claim 24, wherein the liquor waste is a white liquor waste.
- 1 26. The method of claim 25, wherein the liquor waste is a sorghum liquor waste.